



# Sound Deadening Pads

## 08840

Technical Data Sheet

March, 2011

3M Part No.(s)	3M Part Descriptor(s)
08840	19.6 inches x 19.6 inches (500mm x 500mm Pads)

### Product Description

3M™ Sound Deadening Pads 08840 are self-adhesive pads that suppress noise and vibrations, which can be applied to vehicle floor pans, engine compartments, hoods, deck lids, inside doors and body panels.

The 500mm x 500mm pads are perforated down the middle, resulting in a 250mm x 500mm size when separated.

The visible side is embossed with a diamond pattern with a polyethylene film, while the adhesive side is smooth with an anti-stick liner.

### Features

- Self-Adhesive
- Paintable
- Flexible and conformable
- Embossed with OEM-matching diamond pattern
- Center perforation for easy door panel installation

### Typical Physical Properties

**Note:** The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Container	10 per case
Color	Black
Peel Strength after 22 hrs at 70°F (23°C)	$\geq 2.85$ lb/in ( $\geq 5$ N/cm)
Temperature Resistance	-5°F to 160°F (-20°C to 70°C)
Damping	$\geq 10$ dB/second
Material	Bitumen, mineral filler, elastomer
Weight	6.4 lb/sq yd (3.5 +/- 0.3 kg/m <sup>2</sup> )
Thickness	1/16th inch (1.78 mm +/- 0.17)

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**Product Uses**                      Vibration dampening of metal panels.

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**Directions for Use**

**PREPARATION:**

1. Application surfaces must be clean, dry and free from oil or grease.
2. Wash the surface with soap and water to remove water soluble contaminants.
3. Follow the soap and water wash with an appropriate VOC-Compliant product for the removal of any remaining surface contaminants. Reference the 3M Automotive Aftermarket Catalog for a suitable product.

**APPLICATION METHOD:**

1. Cut 3M™ Sound Deadening Pads to size and shape using scissors or knife.
2. Remove the tan paper liner and apply using strong, even pressure.
3. To increase conformability and/or initial adhesion, the pads may be preheated to approximately 95°F – 115°F.

**NOTE:**

- If the 3M™ Sound Deadening Pad is to be painted, peel off the clear protective film from the surface, in order to achieve good paint adhesion.
- If a thicker or heavier application is desired, multiple pads may be stacked, making sure to first remove the clear protective film in between pads.

**CAUTION:** Do not apply at temperatures below 40°F (5°C).

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**Applications**

Floors, trunk floors, doors, hoods, deck lids or other body panels.

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**Storage and Handling**

Store in a cool, dry place. Best results are obtained when material is stored and applied at room temperature, 60°F (16°C) or above. Storage temperature must not exceed 125°F (50°C).

Shelf life is 4 years from date of manufacture under normal storage conditions. Refer to ‘Lot Number’ and ‘Best before Date’ on packaging.

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## Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

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## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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## Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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## For Additional Health and Safety Information



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